# **Refine Search**

## Search Results -

Terms	Documents	
atcc and 209447	1	

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L6		ways or a second of the second	Refine Search
	Recall Text	Clear	Interrupt

## **Search History**

DATE: Monday, November 15, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB, U	JSPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR	=YES; OP=ADJ	
<u>L6</u>	atcc and 209447	1	<u>L6</u>
<u>L5</u>	L4 and hp15a	1	<u>L5</u>
<u>L4</u>	g protein coupled receptor	7265	<u>L4</u>
<u>L3</u>	weinshank-richard.in.	2	<u>L3</u>
<u>L2</u>	smith-kelli.in.	1	<u>L2</u>
<u>L1</u>	5976834.pn.	2	<u>L1</u>

**END OF SEARCH HISTORY** 

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ILE 'MEDLINE'
ILE 'JAPIO'
[LE 'BIOSIS' E
[LE 'SCISEARCH'
CLE 'WPIDS'
[LE 'CAPLUS' S)
CLE 'EMBASE'
> s hp15a
            3 HP15A
s atcc and 209447 or atcc 209447
            1 ATCC AND 209447 OR ATCC 209447
dup rem 11
ROCESSING COMPLETED FOR L1
             2 DUP REM L1 (1 DUPLICATE REMOVED)
d ibib abs 13 1-2
   ANSWER 1 OF 2 WPIDS COPYRIGHT 2004 THE THOMSON CORP on STN DUPLICATE 1
                     2003-559173 [52]
CESSION NUMBER:
                                         WPIDS
                     N2003-444498
DC. NO. NON-CPI:
OC. NO. CPI:
                     c2003-150762
                     New recombinant nucleic acid, useful for preparing a
ITLE:
                     composition for treating disorders linked to human ***hp15a*** receptor e.g. cardiovascular or
                                      receptor e.g. cardiovascular or
                     gastrointestinal disorders.
ERWENT CLASS:
                     B04 D16 S03
NVENTOR(S):
                     SMITH, K E; WEINSHANK, R
ATENT ASSIGNEE(S):
                     (SMIT-I) SMITH K E; (WEIN-I) WEINSHANK R; (SYNA-N)
                     SYNAPTIC PHARM CORP
DUNTRY COUNT:
                     102
ATENT INFORMATION:
   PATENT NO
                    KIND DATE
                                   WEEK
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   wo 2003054540
                    A1 20030703 (200352)* EN 103
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          MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM ZW
          AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK
          DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
          KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT
          RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM
   US 2003124138
                    A1 20030703 (200355)
   AU 2002357337
                   A1 20030709 (200428)
PPLICATION DETAILS:
   PATENT NO
                   KIND
                                         APPLICATION
                                                               DATE
   wo 2003054540
                    Α1
                                         WO 2002-US40612
   US 2003124138
                    A1 CIP of
                                         us 1998-179798
                                                               19981027
                                         US 2001-29436
                                                               20011219
   AU 2002357337
                                         AU 2002-357337
                                                               20021219
LING DETAILS:
   PATENT NO
                    KIND
                                           PATENT NO
   AU 2002357337
                    A1 Based on
                                         WO 2003054540
RIORITY APPLN. INFO: US 2001-29436
                                           20011219; US
                     1998-179798
                                        19981027
   2003-559173 [52]
                       WPIDS
   WO2003054540 A UPAB: 20030813
   NOVELTY - A recombinant nucleic acid comprising consecutive nucleotides
   encoding a human ***hp15a*** receptor, having a sequence identical to
```

\*\*\*hp15a\*\*\* receptor encoded by the

the sequence of the human

```
ending at the stop codon at positions 1249-1251 of the 1311 base pair sequence, given in the specification, is new.
           ACTIVITY - Cardiant; Gastrointestinal.
           No biological data is given.
MECHANISM OF ACTION - Gene therapy.
           USE - The recombinant nucleic acid is useful for preparing a
    composition for treating disorders linked to human
    receptor e.g. cardiovascular or gastrointestinal disorders.
    Dwq.0/3
    ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
                                2003:511848 CAPLUS
CCESSION NUMBER:
                                139:79537
DOUMENT NUMBER:
                                DNA encoding a human receptor ( ***hp15a*** ) and
[TLE:
                                relevance of receptor to disease diagnosis and
                                treatment
                                Smith, Kelli E.; Weinshank, Richard
NVENTOR(S):
ATENT ASSIGNEE(S):
                                U.S. Pat. Appl. Publ., 38 pp., Cont.-in-part of U.S. Ser. No. 179,798, abandoned.
DURCE:
                                CODEN: USXXCO
DCUMENT TYPE:
                                Patent
                                English
ANGUAGE:
AMILY ACC. NUM. COUNT:
ATENT INFORMATION:
    PATENT NO.
                               KIND
                                         DATE
                                                         APPLICATION NO.
                                                                                          DATE
    US 2003124138
                                Α1
                                         20030703
                                                        us 2001-29436
                                         20030703
    wo 2003054540
                                                         wo 2002-us40612
                                 Α1
                                                                                         20021219
         PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,
               UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
          RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
RIORITY APPLN. INFO.:

US 1998-179798

B2 19981027
                                                          us 2001-29436
                                                                                    A 20011219
    This invention provides an isolated nucleic acid encoding a human
                                                                  ***hp15a***
                         receptor, a purified human
                                                                                     receptor, vectors
                                                                            ***hp15a***
    comprising isolated nucleic acid encoding a human
    receptor, cells comprising such vectors, antibodies directed to a human

***hp15a*** receptor, nucleic acid probes useful for detecting nucleic
acid encoding a human ***hp15a*** receptor, antisense oligonucleotides
complementary to unique sequences of nucleic acid encoding a human

***hp15a*** receptor, transgenic, nonhuman animals which express DNA
    ***hp15a*** receptor, transgenic, nonhuman animals which express DNA encoding a normal or mutant human ***hp15a*** receptor, methods of isolating a human ***hp15a*** receptor, methods of treating an abnormality that is linked to the activity of the human ***hp15a***
    receptor, as well as methods of detg. binding of compds. to human ***hp15a*** receptors.
d ibib abs 12 -
   ANSWER 1 OF 1 WPIDS COPYRIGHT 2004 THE THOMSON CORP ON STN SSION NUMBER: 2003-559173 [52] WPIDS
CCESSION NUMBER:
                            N2003-444498
DC. NO. NON-CPI:
OC. NO. CPI:
                            C2003-150762
ITLE:
                            New recombinant nucleic acid, useful for preparing a
                            composition for treating disorders linked to human hp15a
                            receptor e.g. cardiovascular or gastrointestinal
                            disorders.
ERWENT CLASS:
                            B04 D16 S03
                           SMITH, K E; WEINSHANK, R (SMIT-I) SMITH K E; (WEIN-I) WEINSHANK R; (SYNA-N)
IVENTOR(S):
ATENT ASSIGNEE(S):
                            SYNAPTIC PHARM CORP
DUNTRY COUNT:
                            102
TENT INFORMATION:
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PATENT NO KIND DATE WEEK LA PG

RW: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM ZW

W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM

US 2003124138 A1 20030703 (200355) AU 2002357337 A1 20030709 (200428)

## PLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
wo 2003054540 us 2003124138	A1 A1 CIP of	wo 2002-us40612 us 1998-179798 us 2001-29436	20021219 19981027 20011219
AU 2002357337	A1	AU 2002-357337	20021219

#### LING DETAILS:

PATENT NO	KIND	PATENT NO
AU 2002357337	Al Based on	wo 2003054540

JORITY APPLN. INFO: US 2001-29436

20011219; US

1998-179798 19981027

2003-559173 [52] WPIDS

WO2003054540 A UPAB: 20030813

NOVELTY - A recombinant nucleic acid comprising consecutive nucleotides encoding a human hp15a receptor, having a sequence identical to the sequence of the human hp15a receptor encoded by the nucleotide sequence beginning at the start codon at positions 61-63 and ending at the stop codon at positions 1249-1251 of the 1311 base pair sequence, given in the specification, is new.

ACTIVITY - Cardiant; Gastrointestinal.

No biological data is given.

MECHANISM OF ACTION - Gene therapy.

USE - The recombinant nucleic acid is useful for preparing a composition for treating disorders linked to human hp15a receptor e.g. cardiovascular or gastrointestinal disorders. Dwg.0/3